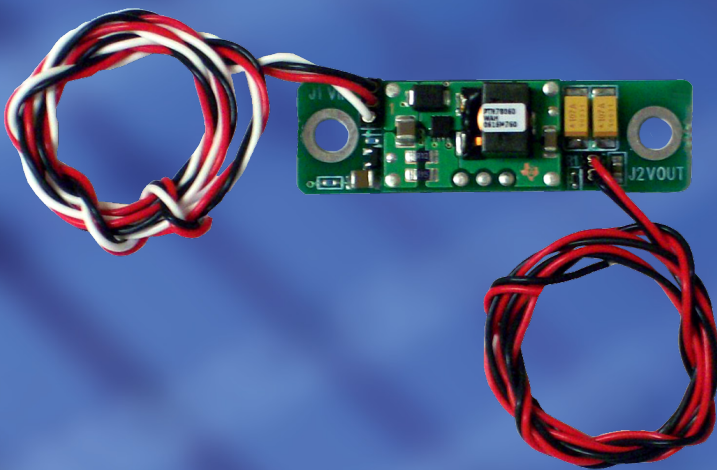


# Power Regulator Board

Operating from a wide-input voltage range, the Power Regulator board provides high-efficiency, step-down voltage conversion for loads of up to 3 A. The output voltage can be set to any value over a wide adjustment range using a single external resistor. The Power Regulator Board has under-voltage lockout, an integral on/off inhibit, and includes an output current limit and over-temperature protection. It is well suited to a wide variety of general-purpose applications that operate off 12-V, 24-V, or 28-V DC power.

## Key Features

- 2.5 A Output Current
- Wide-Input Voltage (7 V to 36 V)
- Wide-Output Voltage Adjust (2.5 V to 12.6 V)
- On/Off Inhibit
- Under-Voltage Lockout
- Output Current Limit
- Over-temperature Shutdown
- Operating Temperature: -40°C to 85°C



# Power Regulator Board

## Specifications

The Power Regulator board may be set to any value within the range, 2.5 V to 12.6 V.

The output voltage of the board can be as little as 2 V lower than the input, allowing operation down to 7 V, with an output voltage of 5 V.

